

A census of the larger fungi of Western Australia Part II

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Abstract

A further 205 taxa of larger fungi are added to the 299 listed in Part I, published in 1982 (Hilton, J R Soc W Aust 65: 1-15). New species and varieties based on collections within the State since 1982 are included, numbering 15. In addition, 6 revisions of names used in Part I are given and one Drummond species and one Preiss species are recorded as re-collected.

Introduction

The census which follows includes some 200 species and varieties of the larger fungi of Western Australia based on citable herbarium specimens collected or located since Part I was published (Hilton 1982). Since Part I was submitted for publication in May 1980 a number of special collections have been made. The International Botanical Congress in August 1981, held at Sydney, brought H Cléménçon, E Horak and O K Miller to the State. During 1981 N Bougger (1983) made a special study of the dung coprini, and K Kenneally collected tropical polypores. J Trappe collected subterranean fungi, an area extended by N Malajczuk and his associates at CSIRO, and by G Beaton. R Watling visited in May 1982 and also collaborated with G Kile in elucidating the status of *Armillaria* species. E Horak re-visited the State in 1985.

Arrangement

The classification of Ainsworth, Sparrow & Sussman (1973) has been followed for consistency with Part I, although more modern treatments are available, especially for those put under Hymenogastrales and Tuberales.

Collections which involve the type specimen are indicated by an asterisk (*).

Sub-division Ascomycotina: "Ascomycetes"
(classes omitted)

Order Clavicipitales
Family Clavicipitaceae

Claviceps puspati Stevens & Hall, Bot Gaz 50:462 (1910).
Esperance, on *Paspalum dilatatum* (UWA 1014).

Claviceps purpurea (Fr.) Tulasne, Ann Sci Nat Bot III 20:45 (1853). Albany, on *Festuca elatior* var *arundinacea* (UWA 1647).

Cordyceps brittlebankii McLennan & Cookson, Proc R Soc Vic 38:74 (1926). Wanneroo (UWA 671).

Order Helotiales
Family Geoglossaceae

Trichoglossum hirsutum (Persoon: Fr.) Boudier, Hist Class des discomycètes d'Europe 86 (1907). Porongorups (UWA 843).

Family Helotiaceae
Discinella terrestris (Berk. & Br.) Dennis, Kew Bull 13:342 (1958). Bremer Bay (UWA 2238).

Order Pezizales
Family Ascobolaceae
Ascobolus immersus Pers.: Pers., Mycol eur 1:341 (1822). Cannington (UWA 3375). Subject of Univ W Aust Honours dissertation by H K Tan, 1964.

Family Pezizaceae
Peziza violacea Pers., Mycol eur 1:242 (1822). Yanchep (UWA 859). Gleneagle (UWA 2832).

Peziza whitei (Gilkey) Trappe, Mycotaxon 2:112 (1975). Porongorups (UWA 697).

Family Pyronemataceae
Anthracobia muelleri (Berk.) Rifai, Australasian Pezizales p. 141 (1968). Kings Park (UWA 1263), Wanneroo (UWA 1527). Karragullen (UWA 1935).

Cheilymenia coprinaria (Cooke) Boudier, Hist Class Discom Eur 63 (1907). Ludlow (UWA 1033).
Inermisia fusispora (Berk.) Rifai, Australasian Pezizales p 198 (1968). Moore River (UWA 871).

Jafneadelphus asperulus Rifai, Australasian Pezizales p 91 (1968). Dawesville (UWA 2448).

Family Sarcosomataceae
Plectania rhytidia Berk., Hook. f., Fl Nov Zeal 2:200 (1855). Boranup (UWA 2819).

Order Sphaerales

- Daldinia concentrica** (Bolton: Fr.) Cesati & de Notaris, Comm Soc Crittgam Ital I:198 (1963). Porongorups (UWA 683, 877), Mitchell Plateau (UWA 2754).
- Hypoxyylon fuscum** Pers.: Fr.. Summa Veg Scand p 384 (1849) Donnelly Mill, on bark of karri (UWA 3436).
- Hypoxyylon rubiginosum** Pers.: Fr.. Summa Veg Scand p 384 (1849) Dampier Peninsula (UWA 2779).
- Xylaria polymorpha** (Pers.) Greville, Flora Edinensis p 355 (1824) Mt Barker (UWA 2853).

Order Tuberales

Family Tuberaceae

Revision: **Choromyces aboriginus** Trappe, Mycotaxon 9:334 (1979). Listed previously as *Elderia arenivaga*.

Clelandia bulundari see *Mycoclelandia bulundari*.

Revision: *Elderia arenivaga* see *Choromyces aboriginus*.

Labyrinthomyces steenisii see *Labyrinthomyces varius*.

Labyrinthomyces varius (Rodway) Trappe, Mycotaxon 9:321 (1979). Perup River (UWA 1886). Originally described as *Stephensia varia* Rodway, synonymous with *Labyrinthomyces steenisii* Boedijn.

Labyrinthomyces westraliensis Beaton & Malajczuk, Trans Br Mycol Soc 86:503 (1986). Kings Park (MELU*).

Labyrinthomyces westraliensis var *parvulosporus* Beaton & Malajczuk, Trans Br Mycol Soc 86:506 (1986). Rottnest I (MELU*).

Mycoclelandia bulundari (Beaton) Trappe & Beaton, Trans Br Mycol Soc 83:535 (1984). Balgo Mission, as *Clelandia bulundari* Beaton (UWA 2427*) (MELU).

Stephensia varia see *Labyrinthomyces varius*.

Sub-division Basidiomycotina : "Basidiomycetes"

Class Hymenomycetes

Sub-class Phragmobasidiomycetidae

Order Tremellales

Family Tremellaceae

Aporpium caryae (Schw.) Teixeira & Rogers, Mycologia 47:408 (1955). Manjimup (PDD 52472).

Sub-class Holobasidiomycetidae

Order Agaricales

Family Agaricaceae

Agaricus bisporus (Lange) Pilat, Acta Mus nat Prague 7b (1951). Crawley (E) Fremantle (UWA 1478).

Agaricus langei (Möller) Möller, Friesia 4 (1952). As *Psalliota vinacea* Cleland, Gleneagle (UWA 2587) (VPI).

Agaricus placomyces Peck, Ann Rep NY State Mus 29:40 (1878). Northcliffe (Watling 10209) (E).

Agaricus silvaticus Fr., Epicr Syst Myc p 214 (1838). Denmark (UWA 2378) (UWA 2357).

Agaricus silvicola (Vitt.) Peck, Rep NY Mus 36 (1883). S Perth (UWA 1484).

Psalliota vinacea see *Agaricus langei*.

Family Amanitaceae

Amanita ananaecepis (Berk.) Sacc., Syll Fung 5:18 (1887). Kalamunda, as *Amanita farinacea* (Sacc.) Cleland & Cheel, (E), Pemberton (UWA 1480).

Amanita couicobulbosa Cleland, Trans R Soc S Aust 55:152 (1931). Watling (1975) records a number of collections made in 1974. (E).

Amanita farinacea see *Amanita ananaecepis*.

Amanita grisea Massee & Rodway, Kew Bull 156 (1901). Nannup Road (Watling 10187) (E), Pemberton (Watling 10215) (E), Gleneagle (UWA 2048) Jandakot (UWA 2057).

Amanita murina Sacc., Syll Fung 9:2 (1891). Dryandra (UWA 1907) Two Peoples Bay (UWA 2665) Mundaring (UWA 2820).

Amanita nauseosa (Wakefield) Reid, Beihefte Nov Hedwig p 25 (1966). Nedlands (UWA 2569).

Amanita ochrophylla (Cooke & Massee) Cleland, Trans R Soc S Aust 48:237 (1924). Donnybrook Sunklands (UWA 2582) (K).

Amanita punctata (Cleland & Cheel) Reid, Aust J Bot Suppl Ser No 8 p 50 (1980). Perup (UWA 3017).

Amanita subalbida Cleland, Trans R Soc S Aust 55:152 (1931). Two Peoples Bay (K) Harvey (UWA 2580).

Limacella illinita (Fr.) Murrill, N Amer Fl 10:40 (1914). Barton's Mill (UWA 2541).

Limacella ochraceolutea P D Orton, Notes R Bot Gdn Edinb 29:105 (1969) Nedlands (UWA 2839).

Family Bolbitiaceae

Agrocybe arenicola (Berk.) Singer, Beih Bot Centralblatt Abt B 56:169 (1936). Kings Park (UWA 1498) Esperance (UWA 1773).

Agrocybe neocoprophila Singer, Lilloa 26:95 (1953), Harvey, on cow dung (UWA 2039).

Family Boletaceae

Austroboletus occidentalis Watling, in Watling & Gregory p 104 (1986), as *Boletus lacunosus* Cooke & Massee, Mundaring Weir (UWA 1305); as *Porphyrellus cookei* Singer, Canning Dam (UWA 1869), Gleneagle (E*).

Boletus lacunosus see *Austroboletus occidentalis*.

Re-collection: **Boletus caesareus** Fr., in Lehmann, Pl Preiss 2:134 (1846). Mundaring Weir (UWA 3384) (E), Gleneagle (UWA 3454).

Boletus multicolor Cleland, Trans R Soc S Aust 58:214 (1934). Two Peoples Bay (UWA 2652).

Boletus nigerrimus Heim, Rev Mycol 28:281 (1963). Crystal Brook (UWA 1852). Kings Park (UWA 2110); Quininup (UWA 2214).

Gyroporus caespitosus Cleland, Trans R Soc S Aust 48:247 (1924). Shannon River (UWA 3308).

Porphyrellus cookei see *Austroboletus occidentalis*.

Family Coprinaceae

Coprinus cordisporus Gibbs, The Naturalist, London, 100 (1898). John Forrest National Park, on horse dung (UWA 2535).

Coprinus curtus Kalchbrenner, Grevillea 9:138 (1881). Nedlands, on horse dung (UWA 2537). Mundaring, on Kangaroo dung (UWA 2539).

Coprinus flocculosus De Candolle: Fr., Epicr p 245 (1838). John Forrest National Park, on horse dung (UWA 2534).

Coprinus macrocephalus (Berk.) Berk., Oatl Br Fungol 180 (1860). Wattle Grove, on horse dung (UWA 2533).

Coprinus pellucidus Karsten, Medd Soc Fauna & Flora Fennica 9:51 (1882). Wattle Grove, on horse dung (UWA 2540).

Coprinus radicus (Desm.) Fr., Epicr p 248 (1838). Duncraig (UWA 2307), including the Ozonium stage.

Coprinus stercoreus Fr., Epicr p 251. (1838). Mt Dale, on Kangaroo dung (UWA 2531).

Coprinus vermiculifer Josserand ex Dennis. Kew Bull 19:112 (1964). Dwellingup, on Kangaroo dung (UWA 2532).

Panaeolus fimicola (Fr.) Quél., Enchiridion Fungorum p 119 (1886). Crawley (UWA 2514).

Panaeolus speciosus P D Orton, Notes R Bot Gdn Edinb. 29:1:110 (1969). Harvey (UWA 2567).

Family Cortinariaceae

Astrosporina asterospora see *Astrosporina imbricata*

Astrosporina imbricata Cleland, Trans R Soc S Aust 57:192 (1933). Crawley (UWA 1681), Gleneagle (UWA 2557). Horak (1979 p 190) indicates that this is the species to which *A. asterospora* Quel. sensu Cleland and *Inocybe murrayana* Cleland correspond.

Cortinarius archeri Berk., Fl Tasman t 181 f 7 (1880). Mundaring (UWA 2515).

Revision: *Cortinarius australiensis* (Cleland & Cheel) Horak, Sydowia 34:106 (1981). Previously listed as *Rozites australiensis* Cleland & Cheel.

Cortinarius austro-venetus see *Dermocybe austro-veneta*.

Cortinarius clelandii Smith, Lloydia 7:203 (1944). Dwellingup (UWA 3008). A nomen novum for *C. subcinnamomeus* Clel. See Ammirati (1975).

Cortinarius erythrocephalus see *Dermocybe erythrocephala*.

Cortinarius globuliformis Bouger, Trans Br Mycol Soc 86:301 (1986). Dwellingup (UWA 2919*).

Cortinarius lavendulensis Cleland, Trans R Soc S Aust 52:217 (1928). Dwellingup (UWA 2906).

Cortinarius ochraceus Cleland, Trans R Soc S Aust 51:301 (1927). Canning Dam (UWA 1991).

Cortinarius paleaceus (Weinm.) Fr., Epicr p 302 (1822). Glencagle (UWA 2671).

Cortinarius rotundisporus Cleland & Cheel, Trans R Soc S Aust 42:96 (1918). W Australia (ZT 1152).

Cortinarius sanguineus see *Dermocybe erythrocephala*.

Cortinarius subarcheri Cleland, Trans R Soc S Aust 52:220 (1928). Jarrahdale (UWA 2016). Denmark (UWA 2323).

Cortinarius subcinnamomeus see *Cortinarius clelandii*.

Cortinarius vinaceolumellatus Cleland, Trans R Soc S Aust 57:191 (1933). Dwellingup (UWA 2907).

Cortinarius violaceus (L. ex Fr.) Fr., Sverig ätl gift Svampar t 58 (1861-68). Byford (UWA 2126).

Crepidotus eucalyptorum Cleland, Trans R Soc S Aust 48:242 (1924). Floreat Park (UWA 1225). Gleneagle (UWA 2573).

Crepidotus globigerus sec *C. nephrodes*

Crepidotus nephrodes (Berk. & Curt.) Sacc. Syll Fung 5:882 (1887). Mundaring Weir, as *C. globigerus* (UWA 1434). Quininup (UWA 3410). Kings Park (UWA 3352).

Revision: *Crepidotus subhaustellaris* see *Melanotus hepatochrous*, Strophariaceae.

Crepidotus variabilis (Pers.) Kummer, Führ Pilzk p 74 (1871). Manjimup (UWA 3314).

Dermocybe austroveneta (Cleland) Moser & Horak, Beihete Nov Hedwig 52:605 (1975). Gleneagle (UWA 2548).

Dermocybe erythrocephala (Dennis) Moser, Schweiz. Z Pilzk 50:166 (1972). Gleneagle (UWA 2542) = *Cortinarius sanguineus* sensu stricto Cleland (1934) = *Cortinarius erythrocephalus* Dennis, Kew Bull 1955 p 107 (1956).

Dermocybe splendida Horak, Aust J Bot Suppl Ser 10:33 (1983). Walpole National Park (UWA 2322) (ZT 79/307).

Descolea maculata Bouger, Aust J Bot 33:619 (1985). Floreat Park (UWA 2860*) (ZT 1843). Denmark (UWA 2897) (UWA 2914). Walpole (UWA 2916). Harvey (UWA 2915).

Galerina macquariensis Smith & Singer, Mycologia 50:478 (1958). Bull Creek (UWA 1256).

Hebeloma aminophilum Miller & Hilton, Sydowia 39:133 (1986). Kalamunda (UWA 2013) (UWA 2150*). Mundaring (UWA 2030). Quininup (UWA 2111).

Inocybe australiensis Cleland & Cheel, Trans R Soc S Aust 42:109 (1918). Mundaring Weir (UWA 1942). UWA 1669). Serpentine Dam (UWA 1546). Cleland's *I. serrata* and *I. granulosipes* are synonymous with this species (Horak 1980, p 26).

Inocybe fibrillosibrunnea Miller & Hilton, Sydowia 39:132 (1986). Kalamunda (UWA 2204*) (VPI*). Julimar (VPI).

Inocybe granulosipes see *Inocybe australiensis*.

Inocybe murrayana see *Astrosporina imbricata*.

Inocybe serrata see *Inocybe australiensis*.

Revision: *Rozites australiensis* see *Cortinarius australiensis*.

Tubaria rufofulva (Cleland) Reid & Horak, Aust J Bot Suppl Ser 10:29 (1983). Quininup (UWA 2080). Denmark (UWA 2333) (ZT). Two Peoples Bay (UWA 2663). Gleneagle (UWA 2669). As *Pholiota*, Cleland (1934 p 103).

Family Entolomataceae

Claudopus hyssisedus (Fr.) Gillet, Les Hyménomycètes p 427 (1878). Karragullen (UWA 2952).

Leptonia incana (Fr.) Gillet, Les Hyménomycètes p 414 (1874). Mundaring Forest (UWA 2503). Gleneagle (UWA 2441). Gervasse (UWA 2433).

Family Hygrophoraceae

Hygrophorus cantharellus (Schw.) Fr., Epicr Myc p 329 (1838). Giants (UWA 2795) (VPI).

Hygrophorus laetus (Fr.) Fr., Epicr Myc p 329 (1838). Walpole (UWA 2590) (VPI).

Family Lepiotaceae

Lepiota acutesquamosa (Weinm.) Gillet, Les Hyménomycètes p 60 (1874). Quininup (UWA 3306).

Lepiota cristata (Fr.) Kummer, Führ Pilzk p 137 (1871). Mt Frankland (UWA 2338).

Lepiota gracilenta sec *Lepiota konradii*.

Lepiota haemorrhaica Cleland, Trans R Soc S Aust 55:154 (1931). Mundaring (K).

Lepiota konradii Huijsman ex P D Orton, Trans Br Mycol Soc 43:283 (1960). Margaret River, as *Lepiota gracilenta* (Krombh.) Quél. (UWA 358). Mundaring Weir (UWA 1547). Gleneagle (UWA 2581).

Lepiota nigro-cinerea Cleland, Trans R Soc S Aust 55:153 (1931). Mundaring (K).

Leucocoprinus fragilissimus (Berk. & Rav.) Pat., J Bot Paris 2:16 (1888). Crawley (UWA 2828).

Family Paxillaceae

Paxillus corrugatus see *Paxillus curtisii*.

Paxillus curtisii Berk. apud Berk. & Curtis. Ann Mag Nat Hist ser 2, 12:423 (1853). Gleneagle (UWA 2588) (VPI). Synonymous with *P. corrugatus* Atkinson.

Family Pluteaceae

Pluteus flammipes var *depauperata* Horak. Aust J Bot Suppl Ser 10:33 (1983). W Australia (ZT).

Pluteus pellitus Fr. : Pers.. Synop Method Fung p 366 (1801). Pemberton (UWA 2591).

Pluteus villosus (Bull.) ss. Decary, Romagnesi. Bull Soc Mycol Fr 43:19 (1927). Julimar (UWA 1634) (UWA 1666).

Family Russulaceae

Lactarius clarkei Cleland. Trans R Soc S Aust 51:302 (1927). Virgin Jarrah, Manjimup (UWA 3310).

Lactarius eucalypti Miller & Hilton. Sydowia 39:127 (1986). Gleneagle (UWA 1719). Denmark (VPI*) (UWA 2341*). Walpole (UWA 2354).

Rassula clelandii Miller & Hilton. Sydowia 39:128 (1986). Denmark (VPI*) (UWA 2364*).

Russula purpureoflava Cleland. Trans R Soc S Aust 51:301 (1927). Gleneagle (UWA 2628).

Family Strophariaceae

Hypholoma see *Naematoloma*.

Revision: *Melanotus hepatochrous* (Berk.) Singer is the correct name for *Crepidous subhaustellaris* Cleland. (Horak 1977). Perry Lakes (UWA 2522).

Naematoloma aurantiacum see *Stropharia aurantiaca*.

Naematoloma sublateritium (Fr.) Quél. Champ Jura p 143 (1872). Dwellingup (UWA 354).

Re-collection: *Pholiota drummondii* (Berk.) Pegler. Darlington (UWA 3321) (K).

Pholiota gummosa (Lasch) Singer. Lilloa 22:517 (1951). Diamond State Forest (UWA 2180) (E), (UWA 2077).

Pholiota multicingulata Horak. Aust J Bot Suppl Ser 10:33 (1983). Western Australia (ZT 1160).

Pholiota rufosulra see *Tubaria rufofulva*, Cortinariaceae.

Psilocybe merdaria (Fr.) Ricken. Blätterpilz p 251 (1915). Kwinana (UWA 2027). See Miller & Hilton (1987). (-*Stropharia merdaria* (Fr.) Quél.).

Stropharia aurantiaca (Cooke) P D Orton. Trans Br Mycol Soc 43:381 (1960). Crawley, as *Naematoloma aurantiacum* (Cooke) Guzmán (UWA 2425). Brunswick Junction (UWA 2435).

Stropharia merdaria see *Psilocybe merdaria*.

Stropharia stercoraria (Schum.:Fr.) Quél.. Ench Fung p 112 (1886). Noble Falls (UWA 2529).

Family Tricholomataceae

Armillaria mellea see *Armillaria luteobubalina*.

Armillaria luteobubalina Watling & Kyle. Trans Br Mycol Soc 71:79 (1978). Kings Park (UWA 1828) (UWA 1831). Two Peoples Bay (UWA 2636). Carinya (UWA 2243). Floreat Park (UWA 2252). Esperance (UWA 1780). Records of *A. mellea* (Vahl ex Fr.) Kummer all appear to have been *A. luteobubalina* (Kile et al 1983).

Clitocybe asterospora (J. Lange) Moser apud Gams. Kleine Kryptogamenflora II p 52 (1953). Garden Island (UWA 1360).

Clitocybe gibba (Fr.) Kummer. Führ Pilz p 123 (1871). As *C. infundibuliformis* (Fr.) Quél. Yunderup (UWA 2446).

Clitocybe infundibuliformis see *Clitocybe gibba*.

Clitocybe odora (Bull. : Fr.) Kummer. Führ Pilz p 121 (1871). Jarrahdale (UWA 2687).

Collybia abutyracea Cleland. Trans R Soc S Aust 55:156 (1931). Pemberton (UWA 1479).

Collybia butyracea (Bull. : Fr.) Kummer. Führ Pilz p 117 (1871). Giants (UWA 2363). Mundaring (UWA 2497).

Collybia dryophila (Bull. : Fr.) Kummer. Führ Pilz 115 (1871). Gleneagle (UWA 2592) (VPI).

Collybia elegans Cleland. Trans R Soc S Aust 57:187 (1933). Quininup (UWA 2094).

Collybia peronata (Bolt. : Fr.) Kummer. Führ Pilz p 115 (1871). Mundaring Weir (UWA 2830).

Conchomyces bursaeformis (Berk.) Horak. Sydowia 34:109 (1981). Pemberton (UWA 3020).

Delicatula crispula (Quél.) Pat.. Essai taxon p 157 (1900). Wanneroo (UWA 2216)-Hemimycena *crispula* (Quél.) Singer. Ann Mycol 41:121 (1943).

Flammulina velutipes (Fr.) Karst.. Medd Soc Fauna Fl Fenn 18:62 (1891). Dampier Peninsula (UWA 2771).

Hennimycena crispula see *Delicatula crispula*.

Hohenbuehelia atrocaerulea (Fr.) Singer. var *grisea* (Peck) Thorn & Barron Mycotaxon 25:390 (1986). Eneabba (UWA 2833). Anamorph determined by Thorn & Barron (1986 p 394) as *Nematoctonus robustus* Jones.

Laccaria fraterna (Cooke & Massee) Pegler. Aust J Bot 13:327 (1965). Jarrahdale (UWA 3009). As *L. lateritia* by A. M. Young (1982).

Laccaria lateritia see *Laccaria fraterna*.

Laccaria ohiensis (Montagne) Singer. Mycologia 38:688 (1946). Mundaring Weir (UWA 1361).

Lentinus concinnus Pat.. Bull Soc Mycol Fr 8:47 (1892). Kununurra (UWA 3371).

Lentinus lepideus see *Pleurotus australis*.

Lentinus strigosus (Schwein.) Fr.. Syst Orb Veg 77 (1825). Swan River (K). Tweed River (K). Tutanning (K).

Lepista sordida (Fr.) Singer. Lilloa 22 p 193 (1951). Hollywood (UWA 2112); Kings Park (UWA 2593) (VPI).

Leacopaxillus lilacinus Bouger. Sydowia 39:17 (1986). Dwellingup (UWA 2898. 3014*). Newlands (UWA 3018).

Marasmius crinisequii F. Mueller. Kalchbrenner. Grevillea 8:153 (1880)-*M. equicrinis* F. Mueller apud Berk. Porongorups (UWA 743).

Marasmius equicrinis see *Marasmius crinisequii*.

Melanoleuca cognata (Fr.) Konrad & Maublanc. Icones Selectae Fungorum 6:323 (1926). Churchlands (UWA 2620).

Mycena austrororida Singer. Ark f Bot 4:394 (1959). Boranup (UWA 3334).

Mycena galericulata (Scop. : Fr.) S.F. Gray. Nat Arr Brit Plants 1:619 (1821). Dwellingup (UWA 2500).

Mycena latifolia (Peck) Sacc.. Syll Fung 5:268 (1887). Carinya (UWA 2457).

Mycena speirea (Fr.) Gillet. Les Hyménomycètes. p 280 (1874). Kalamunda. in pine plantation (E).

Omphalia see *Omphalina*

Omphalina chromacea Cleland, Trans R Soc S Aust 48:239 (1924). Mt Barker (UWA 1724). Walpole (UWA 2796) (VP).

Omphalina ericotorum (Fr.) M. Lange, Med om Gronland 147 (11):25 (1955). Denmark (UWA 2345) see Kew Bull 15:75 Fig. 11.

Oudemansiella longipes (Bull.) Moser, Z Pilz 19;4 (1955). Floreat Park (UWA 1884).

Panellus ligulatus Horak, Aust J Bot Suppl Ser 10:32 (1983). Manjimup (ZT 1176*).

Pleurotus australis (Cooke & Massee) Sacc., Syll fung 9:46 (1891). Dwellingup (UWA 1869). Collie (UWA 2829). Specimens UWA 1854, 2084 and 2087 are also of this species and not *Lentinus lepideus* as stated in Part I of the Census.

Resupinatus trichotis (Pers.) Singer, Persoonia 2:1:48 (1961). Wanneroo (UWA 2208).

Tricholoma saponaceum (Fr.) Kummer, Führ Pilz p 133 (1871). Pickering Brook (UWA 2000). Gleneagle (UWA 2521).

Order Aphylophorales

Family Clavariaceae

Clavicorona pyxidata (Fr.) Doty, Lloydia 10:38 (1947). Manjimup (UWA 2955).

Clavulina cinerea (Fr.) Schroeter, Krypt Fl Schles Pilze p 442 (1888). Julimar (UWA 2528).

Clavulinopsis miniata (Berk.) Corner, Clavaria p 378 (1950). Jandakot (UWA 897).

Ramaria fumigata (Peck) Corner, Clavaria p 591 (1950). Karragullen (UWA 3383).

Ramaria gracilis (Fr.) Quél., Fl Myc p 463 (1888). Barton's Mill (UWA 2834).

Ramaria ochraceosalmonicolor (Cleland) Corner, Clavaria p 611 (1950). Roleystone (UWA 484).

Ramaria sinapicolor (Cleland) Corner, Clavaria p 621 (1950). Gleneagle (UWA 2868). Pickering Brook (UWA 2928).

Family Coniophoraceae

Coniophora olivacea (Fr. : Fr.) Karst Hattsv 2:162 (1880). Collie, on jarrah (UWA 103).

Family Corticiaceae

Peniophorus giganteus (Fr.) Massee, J Linn Soc 25: 142 (1889). Nannup (UWA 2018).

Phanerochaete filamentosa (Berk. & Curtis) Karst, em Donk, Persoonia, 2:223 (1962). Manjimup (UWA 3478) (PDD 52483).

Phlebia celtidis W. B. Cooke, Mycologia 48:394 (1956). York (UWA 2511).

Phlebia merismoides see *Phlebia radiata*.

Phlebia radiata Fr., Syst Mycol 1:426 (1821). As *P. merismoides*. Gleneagle (UWA 1928).

Family Hericiaceae

Laxitextum bicolor (Fr.) Lentz, Agric Monograph US Dept Agric 24:19 (1955). Karragullen, as *Stereum bicolor* (UWA 728). Manjimup (PDD 52481).

Family Hydnaceae

Hydnellum rufescens Fr. Syst Mycol 1:401 (1821). Gleneagle (UWA 2631) (UWA 2667).

Phellodon metaleucus (Fr.) Karst., Medd Soc Fauna & Flora Fennica 6:15 (1881). Gleneagle (UWA 2523).

Phellodon plicatus (Lloyd) Maas G. Proc K Ned Akad Wet (Ser c) 69:321 (1966). Waroona dam (UWA 2626); Two Peoples Bay (UWA 2196). Walpole (UWA 2356). Gleneagle (UWA 2673).

Family Hymenochaetaceae

Asterostroma persimile Wakefield, Kew Bull p 372 (1915). Manjimup (PDD 52473).

Phellinus conchatus (Pers. : Fr.) Quél.. Ench Fung p 173 (1886). Denmark (UWA 2594).

Phellinus fastuosus see *Phellinus spadiceus*.

Phellinus nilgheriensis (Montagne) G. Cunn.. Polyp NZ. p 226 (1965). Drysdale (UWA 2146).

Phellinus spadiceus (Berk) G. Cunn.. Polyp NZ p 235 (1943). Drysdale (UWA 2143, 2145). Manjimup, as *Phellinus fastuosus* (Lév.) Ryvarden (PDD 52507).

Phellinus wahlbergii (Fr.) Reid, Contr Bolus Herbarium 7:97 (1975). Manjimup (PDD 52508-52511).

Phellinus zealandicus (Cooke) G. Cunn.. Polyp NZ p 223 (1965). Karragullen (UWA 26).

Family Laechnocladiaceae

Dichostereum pallescens (Sehw.) Boidin & Lanquetin, Bull Soc Mycol Fr 96:381 (1980). Quininup (UWA 3389), Manjimup (PDD 52474-52476).

Family Polyporaceae

Abortiporus biennis see *Heteroporus biennis*.

Revision: *Coriolopsis brunneoleuca* (Berk.) Ryvarden. Norw J Bot 19:230 (1972). Prince Frederick Harbour (UWA 3000). In Census Part I as *Polystictus brunneoleucus*.

Coriolopsis floccosus (Jungh.) Ryvarden, Norw J Bot 19:230 (1972). Beagle Bay, Dampier Pen (UWA 2999).

Gloeoporus adustus (Willdenow : Fr) Pilát, Atlas des Champignons de l'Europe 3:152 (1937). Karragullen (UWA 56).

Grifola berkeleyi (Fr.) Murrill, Bull Torrey Bot Club 31:337 (1904). Murdoch (UWA 1639).

Grifola colensoi (Berk.) G. Cunn.. Polyp NZ p 95 (1965). Porongorups (UWA 337).

Heteroporus biennis (Bull. : Fr.) Laz.. Rev Real Acad Cienc exact fisc nat Madrid 15:120 (1916). York (UWA 3011).-*Abortiporus biennis* (Bull. : Fr.) Singer.

Inonotus chondromyelus Pegler, Trans Br Mycol Soc 47:167 (1964). Pemberton (UWA 1416). Cunningham (1965 p 201) records as *I. dryadeus* (Pers. : Fr.) Murrill from Ivanhoe.

Inonotus dryadeus see *Inonotus chondromyelus*.

Lenzites acuta Berk., in Hooker's London J Bot 1:146 (1842). Mitchell Plateau (UWA 2785). Winjana Gorge (UWA 2983).

Macrohyporia dictyopora (Cooke) Johansen & Ryvarden. Trans Br Mycol Soc 72:192 (1979). Pemberton (PDD 52482).

Melanopus infernalis (Berk.) Pat., Essai Tax Hymén. p 80 (1900). Mandurah (UWA 332). Ludlow (UWA 2161). Two Peoples Bay (UWA 2198). Pemberton (UWA 3327).

Perenniporia medulla-panis (Fr.) Donk, Persoonia 5:1:76 (1967). Bungle Bungle (UWA 3373).

Phaeolus schweinitzii (Fr.) Pat., Essai Tax Hymén. p 86 (1900). Manjimup (UWA 2083).

Polyporus arcularius (Batseh) Fr., Syst Mycol 1:342 (1821). Dampier Peninsula (UWA 2770), Mitehell Plateau (UWA 2855). Kununurra (UWA 3372).

Polyporus basilapiloides (McAlpine & Tepper) Cleland & Cheel. Trans R Soc S Aust 43:18 (1919). Albany (PDD).

Polyporus elegans Fr., Epier p 440 (1838). Prinee Frederick Harbour (UWA 3004).

Polyporus hartmanni Cooke, Grevillea 12:14 (1883). Port Hedland (UWA 3374).

Polyporus philippinensis Berk., in Hooker's London J Bot 1:148 (1842). Mitchell Plateau (UWA 2724), Port Warrender (UWA 2725).

Polyporus sclerotinius Rodway. Pap Proe R Soc Tas p 108 (1918). Augusta (UWA 631). Boranup (UWA 1368). Manjimup (UWA 2394).

Polyporus tricholoma Mont., Ann Sci Nat Ser 2. 8:365 (1837). Port Warrender (UWA 2726).

Polyporus udus Jungh.. Tidschr v Nat Gesch Phys 7:289 (1840). Bungle Bungle (UWA 2984).

Revision: *Polystictus brunneoleucus* see *Coriolopsis brunneoleuca*.

Poria carneo-lutea Rodway & Cleland, Pap Proc R Soc Tas p 18 (1929). Margaret River (UWA 1642).

Revision: *Trametes versatilis* see *Trichaptum byssogenum*.

Revision: *Trichaptum byssogenum* (Junghuhn) Ryvarden, Kew Bull 31:101 (1975). For *Trametes versatilis*.

Family Stereaceae

Stereum affine Léveillé. An sci Nat 3:2:210 (1844). Manjimup (UWA 3012). Pemberton (UWA 3407).

Stereum bicolor see *Laxitextum bicolor*, Hericiaceae.

Family Thelephoraceae

Thelephora congesta Berk., J Linn Soc 13:168 (1873). Kelmscott (UWA 1528).

Class Gasteromycetes

Order Gautieriales

Family Gautieriales

Austrogautieria manjimupana Trappe & Stewart, Mycologia 77:676 (1985). Manjimup (CORVALLIS*), Glenagle (UWA 2690) (UWA 2911), Pickering Brook (UWA 2837).

Order Hymenogastrales

Family Hymenogastraceae

Gymnomyces pallidus Massee & Rodway ex Massee, Kew Bull p 125 (1898). Coll CSIRO H159 (UWA 2553). Formerly *Octaviania pallida* (Massee & Rodway) G. Cunn.

Hydnangium archeri (Berk.) Rodway. Pap Proe R Soc Tas 1911:25 (1912). Jarrahdale (MELU).

Hydnangium carneum Wallroth, Dietrich's Flora Regni Borussici 7:465 (1839). W Australia (UWA 667). Collie (UWA 2656).

Hymenogaster albus (Klotzsch) Berk. & Br., Ann Mag Nat Hist Ser 1. 13:349 (1844). Manjimup (CORVALLIS).

Octaviania pallida see *Gymnomyces pallidus*.

Rhizopogon luteolus Fr., Symbolae Gasteromycetum 1:5 (1817). Dwellingup (PERTH). This species has long been used in Western Australia for mycorrhizal inoculation of pines, see Kessell & Stoate (1936) p 7.

Zelleromyces australiensis (Berk. & Br.) Pegler & Young. Trans Br Mycol Soc 72:231 (1979). Kalamunda (UWA 1887).

Zelleromyces daucinus Beaton, Pegler & Young, Kew Bull 39:686 (1984). Jarrahdale (MELU).

Zelleromyces malaiensis (Corner & Hawker) A H Smith. Mycologia 54:636 (1962). Dwellingup (MELU).

Family Secotiaeae

Cystangium sessile (Massee & Rodway) Singer & A H Smith, Bull Torrey Bot Club 21:1-112 (1960). Perup (UWA 2544).

Montagnea arenarius (DC.) Zeller, Mycologia 35:409 (1943). Kurrawang, as *Montagnites candollei* (ADW). Lake Moore (UWA 2705).

Montagnites candollei see *Montagnea arenarius*.

Order Lycoperdales

Family Geastraceae

Geastrum triplex Junghuhn, Tijdschr Natuurl Gesch et Physiol Leiden 1840 p 257 (1840). Two Peoples Bay (UWA 2019). Kings Park (UWA 3355).

Family Lycoperdaceae

Bovista brunnea Berk., Flora Novae-Zelandiae 2:189 (1855). Merredin (ADW) and Dowerin (Univ Syd) according to Cunningham (1944 p 143).

Bovista verrucosa G. Cunn. New Zealand J Sci Tech 23:171 (1942). Condungup (UWA 1071).

Calvatia candida (Rostkovius) Hollos, Termeszterajzi Fuzetek 25:112 (1902). Kings Park (UWA 589), Mt Benia (UWA 1485).

Lycoperdon hiemale see *Lycoperdon pratense*.

Lycoperdon pratense Pers. ex Pers. Syn Meth Fung 142 (1801). Bassendean, (UWA 2691), Esperance (UWA 1553). Cunningham (1944 p 146) lists as *Lycoperdon hiemale*. European literature commonly lists this species as *Vascellum pratense* (Pers. ex Pers.) Kreisel.

Vascellum pratense see *Lycoperdon pratense*.

Order Nidulariales

Family Nidulariaceae

Cyathus stercoreus (Schw.) de Toni. Syll Fung 7:40 (1888). Brunswick (UWA 2413), Yanchep (UWA 2165).

Nidula candida (Peck) White, Bull Torrey Bot Club 29:271 (1902). Augusta (UWA 2563).

Order Phallales

Family Clathraceae

Ileodictyon cibarium Tulasne, in Raol, Ann Sci Nat Bot Ser 3, 2:114 (1844). South West Australia. T Muir, F 121 (K) See Dring (1980 p 56).

Revision: *Lysurus australiensis* see *Lysurus cruciatus*.

Revision: *Lysurus cruciatus* (Lepr. & Mont.) Lloyd, Synopsis of Known Phalloids p 40 (1909). This is the correct synonym for *Lysurus australiensis*. *Lysurus gardneri* is not Australian. See Dring (1980 p 76).

Revision: *Lysurus gardneri* see *Lysurus cruciatus*.

Family Gelopellidaceae

Gelopellis purpurascens Beaton & Malajczuk, Trans Br Mycol Soc 87:479 (1986). Jarrahdale (MELU*).

Family Hysterangiacae

Hysterangium affine Massee & Rodway. Kew Bull 1891:127 (1898). Jarrahdale (MELU).

Hysterangium inflatum Rodway. Proc R Soc Tas 1917:108 (1918). Jarrahdale (MELU).

Family Phallaceae

Phallus aurantiacus see *Phallus rubicundus*.

Phallus hadriani Pers. ex Vent. Kings park (UWA 1482).

Phallus rubicundus (Bosc) Fr., Syst Mycol. 2:284 (1822). Nedlands (UWA 318), Gosnells (UWA 320). Cape Naturaliste (UWA 2608). Description: Cunningham (1944 p 94), Dring (1964 p 15) and (distinguishing from *P. aurantiacus*) Dring & Rose (1977 p 747).

Family Protophallaceae

Protubera canescens Beaton & Malajczuk. Trans Br Mycol Soc 87:41 (1986). Ludlow (MELU*). Porongorups (UWA 547).

Order Sclerodermatales

Family Sclerodermataceae

Polysacrum? degenerans Fr., Lehmann Pl Preiss 2:139 (1846). Swan River around Perth (Herb Preiss No 2704*). The similarity to *Pisolithus tinctorius* of this species described as new by Fries is obvious, but synonymy should not have been assumed as was done in Part I of the Census.

Scleroderma paradoxum Beaton & Weste. Trans Br Mycol Soc 79:41 (1983). Jarrahdale (MELU).

Order Tulostomatales

Family Calostomataceae

Calostoma fuhreri Crichton & Willis. Vic Nat 103:4 (1986). Grass Patch (UWA 2959).

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